Application/Control No. Applicant(s)/Patent under Index of Claims Reexamination 10/553,226 LUNDGREN-AKERLUND, EVY Examiner **Art Unit** Maher M. Haddad 1644 (Through numeral) Cancelled Rejected **Non-Elected Appeal** Interference Objected Allowed Restricted

| Cla | Date | | | | | | | | | Claim | | | Date | | | | | | |] | CI | Date | | | | | | | | | | | |
|------------------------|----------|----------|----------|-----------|-----------|----------|-------------------------------------|----------------|-----------------|----------|--|--------|----------|----------|----------|--|-------------------|----------|----------|--------------|---|--|----------|------------|-----------------|----------|-----------|-----------------|----------|----------|----------|-----------|----------|
| Final | Original | 90/8/2 | | | | | | | | | i | Lina | Original | | | | | | | | | | Final | Original | | | | | | | | | |
| | _1 | + | | T | | | | | | | | | 51 | | 寸 | | 寸 | | 寸 | | | 1 1 | | 101 | | | | | | | \neg | ┪ | ╛ |
| | 2 | + | | | | | | | | | | | 52 | | | | | | | | |] | | 102 | | | | | | | | | |
| | _3 | + | | | | | | | | | | | 53 | | \Box | | | | | \Box | |] | | 103 | | | | | | | | | |
| | 4 | + | | | | | | L | \Box | Ш | L | | 54 | | _ | _ | _ | | | | | J | | 104 | Ш | | | \Box | | | | | |
| <u> </u> | 5 | + | \perp | _ | _ | L_ | <u> </u> | _ | L | Ц | \vdash | | 55 | Ц | 4 | _ | 4 | _ | _ | _ | _ | ↓ | L | 105 | Ш | | \square | Ш | | | _ | _ | |
| <u> </u> | 6 | + | \dashv | 4 | _ | | | ļ | L | Ш | \vdash | | 56 | \Box | _ | _ | _ | _ | 4 | 4 | _ _ | 4 | | 106 | Щ | | Щ | Щ | | _ | _ | _ | _ |
| <u> </u> | 7 | + | - | - | | | ⊢ | ⊢ | | Ы | - | | 57 | \dashv | \dashv | \dashv | \dashv | - | + | - | - | 4 | | 107 | Н | \dashv | Ш | Н | \dashv | | - | - | _ |
| <u> </u> | 8 | + | - | ┥ | \dashv | | ⊢ | ├ | \vdash | Н | - | | 58 59 | \dashv | \dashv | \dashv | \dashv | \dashv | + | + | + | - | <u> </u> | 108 109 | Н | \dashv | \dashv | $\vdash\vdash$ | \dashv | \vdash | - | - | \dashv |
| \vdash | 10 | + | -+ | \dashv | \dashv | _ | ⊢ | ⊢ | \vdash | Н | - | | 60 | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv | + | + | 1 | <u> </u> | 110 | Н | \dashv | \dashv | Н | \dashv | | \dashv | \dashv | \dashv |
| | 11 | + | \dashv | \dashv | - | | \vdash | ┢ | H | Н | \vdash | | 61 | - | -+ | \dashv | \dashv | \dashv | \dashv | ┪ | + | 1 | <u> </u> | 111 | Н | \dashv | \dashv | H | \dashv | | + | \dashv | ᅥ |
| | 12 | + | \dashv | \dashv | | | \vdash | 十 | H | Н | \vdash | | 62 | \vdash | - | + | + | \dashv | \dashv | \dashv | \dashv | | | 112 | H | \dashv | \dashv | \vdash | \dashv | \vdash | \dashv | \dashv | \dashv |
| \Box | 13 | + | \vdash | + | ┪ | | \vdash | T | Н | Н | <u> </u> | | 63 | \vdash | \dashv | \dashv | \dashv | \dashv | \dashv | 7 | \dashv | 1 | \vdash | 113 | H | \vdash | \dashv | \vdash | \dashv | \vdash | | \dashv | \dashv |
| | 14 | + | \Box | 1 | | | | Π | П | П | | | 64 | \Box | _ | ┪ | \dashv | \dashv | 1 | ┪ | \top | 1 | | 114 | Н | \neg | \dashv | \sqcap | \dashv | | 寸 | 寸 | ᅱ |
| | 15 | + | | | | | | | | | | | 65 | | J | ⇉ | ╛ | 丁 | 丁 | ╛ | |] | | 115 | | | | | | | | | \Box |
| | 16 | + | | \Box | | | | | | | | | 66 | | \Box | \Box | \Box | \Box | \Box | | |] | | 116 | | | \Box | | | | | | |
| | 17 | + | \Box | _[| | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L | Ш | Ц | | | 67 | \Box | _[| _[| _[| \bot | [| \downarrow | |] | | 117 | | | \Box | Ш | \Box | | \Box | \Box | |
| | 18 | + | \perp | 4 | | | L. | ╙ | | Ц | <u> </u> | | 68 | | _ | 4 | _ | 4 | _ | 4 | \bot | ↓ | L | 118 | Щ | | Ш | Ш | | | _ | _ | |
| | 19 | <u> </u> | \dashv | 4 | | | Ш | <u> </u> | Щ | Ц | _ | | 69 | \dashv | _ | 4 | \dashv | 4 | _ | 4 | 4 | . I | | 119 | Щ | | | Ш | _ | _ | _ | _ | _ |
| | 20 | + | - | - | _ | _ | \vdash | ⊢ | Ш | Н | \vdash | | 70 | \dashv | \dashv | 4 | 4 | - | 4 | 4 | \perp | ↓ | | 120 | \vdash | | _ | Н | _ | | \dashv | 4 | 4 |
| | 21 | + | - | + | - | | H | ⊢ | Н | Н | - | | 71 72 | \dashv | \dashv | \dashv | + | + | | + | + | - | <u> </u> | 121 122 | \vdash | | \dashv | \vdash | \dashv | - | \dashv | -+ | \dashv |
| <u> </u> | 23 | + | \vdash | \dashv | \dashv | | - | ⊢ | Н | Н | - | | 73 | \dashv | \dashv | \dashv | \dashv | \dashv | + | \dashv | | - | <u> </u> | 123 | $\vdash \vdash$ | \dashv | \dashv | \vdash | \dashv | _ | \dashv | \dashv | \dashv |
| | 24 | + | \vdash | \dashv | \dashv | | H | H | Н | Н | - | | 74 | \dashv | ┪ | \dashv | \dashv | \dashv | ╅ | + | | 1 | _ | 124 | \vdash | - | \dashv | ┌┤ | \dashv | | \dashv | \dashv | \dashv |
| | 25 | + | \dashv | + | \dashv | | Н | ┢ | H | Н | <u> </u> | 十 | 75 | \dashv | \dashv | ┪ | 7 | \dashv | + | ┪ | + | 1 | | 125 | - | \dashv | \dashv | \vdash | \dashv | \vdash | \dashv | ┪ | ᅱ |
| | 26 | + | | 7 | \exists | | | Г | П | П | | | 76 | | 7 | \dashv | 7 | \dashv | 十 | ┪ | | 1 1 | | 126 | \Box | \dashv | \dashv | П | \neg | | _ | 寸 | ヿ |
| | 27 | + | | 7 | ┪ | | | Г | | П | | | 77 | | 寸 | _ | \dashv | ヿ | ╅ | ┪ | | 1 1 | | 127 | П | \neg | \neg | П | コ | | | 7 | \neg |
| | 28 | + | | | | | | | | | | | 78 | | | | | \Box | | | |] | | 128 | | | | | | | | \exists | コ |
| | 29 | + | | \perp | | | | L | | | | | 79 | | \perp | | | \Box | \perp | \perp | |] [| | 129 | | | | | \Box | | | \Box | |
| | 30 | + | | 4 | _ | | | L | Ш | Ц | \perp | | 80 | _ | _ | _ | _ | _ | 4 | | ᆚ | Į Į | | 130 | | | | Ш | \Box | | | \Box | |
| | 31 | + | _ | 4 | 4 | Щ | Щ | | Щ | Ц | ļ | | 81 | \dashv | 4 | 4 | 4 | _ | _ | 4 | | Į Į | \perp | 131 | Ц | \Box | _ | Ц | _ | _ | _ | _ | Ц |
| \vdash | 32 | + | -+ | + | 4 | Щ | _ | _ | Н | Н | - | | 82 | \dashv | \dashv | \dashv | 4 | 4 | 4 | \dashv | | ↓ | _ | 132 | \dashv | | _ | $\vdash \vdash$ | - | _ | - | 4 | 4 |
| \vdash | 33 34 | + | \dashv | + | - | 4 | - | \vdash | Н | Н | <u> </u> | | 83 84 | \dashv | \dashv | + | + | \dashv | + | + | + | | | 133 134 | $\vdash \vdash$ | | \dashv | \vdash | \dashv | \dashv | | -+ | \dashv |
| \vdash | 35 | + | \dashv | + | ᅱ | | \vdash | \vdash | $\vdash \dashv$ | H | \vdash | | 85 | \dashv | + | + | + | \dashv | + | + | +- | 1 | - | 135 | \vdash | \dashv | \dashv | \vdash | \dashv | \dashv | \dashv | -+ | \dashv |
| \vdash | 36 | Ť | + | 十 | ᅱ | - | \vdash | Н | Н | H | \vdash | | 86 | \dashv | \dashv | \dashv | \dashv | \dashv | 十 | + | \dashv | 1 1 | - | 136 | \vdash | \dashv | \dashv | \vdash | \dashv | \dashv | + | \dashv | \dashv |
| \vdash | 37 | + | \dashv | 十 | ᅥ | 7 | Н | Н | H | \dashv | \vdash | | 87 | 十 | \dashv | \dashv | + | \dashv | 十 | + | \dashv | 1 1 | \vdash | 137 | \vdash | \dashv | \dashv | | \dashv | \dashv | \dashv | \dashv | \dashv |
| \vdash | 38 | + | \dashv | \dashv | ┪ | \neg | П | М | П | \dashv | | | 88 | 寸 | \dashv | \dashv | 十 | 十 | 十 | 寸 | \top | 1 1 | | 138 | \vdash | _ | \dashv | \sqcap | \dashv | \dashv | + | \dashv | \dashv |
| | 39 | + | \top | \top | ┪ | | | | П | | | | 89 | | \dashv | ┪ | 寸 | 十 | 十 | ✝ | 十 | 1 | | 139 | \dashv | | 7 | \sqcap | \dashv | 一 | 7 | \dashv | ヿ |
| | 40 | + | | | | | | | | | | | 90 | ⇉ | | | | | \Box | | | j | | 140 | | | コ | | | | | J | \Box |
| | 41 | + | \Box | \perp | | | | | | | | \Box | 91 | \Box | \Box | $oldsymbol{ol}}}}}}}}}}}}}}$ | $oldsymbol{\bot}$ | \Box | \perp | $oxed{oxed}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |] [| | 141 | | | \Box | | | \Box | I | \Box | |
| Щ | 42 | + | | 1 | _[| | | | Ш | Ц | L | | 92 | \dashv | \perp | \downarrow | _ | \perp | \perp | _[| | ↓ | | 142 | \Box | | \Box | \Box | 囗 | 二 | 耳 | \Box | |
| Щ | 43 | + | \perp | 4 | 4 | _ | Щ | Щ | Щ | Щ | \vdash | | 93 | _ | _ | 4 | \dashv | 4 | 4 | 4 | \bot | 1 | | 143 | \sqcup | | \dashv | ⊢⊢ | _ | | | \perp | _ |
| $\vdash \vdash \vdash$ | 44 | + | \dashv | 4 | 4 | _ | \vdash | Н | $\vdash \dashv$ | Щ | \vdash | | 94 | - | - | 4 | 4 | \dashv | + | + | \dashv | ↓ | | 144 | | _ | 4 | | _ | 4 | _ | \dashv | _ |
| $\vdash \vdash \vdash$ | 45 46 | Н | + | + | 4 | \dashv | Н | $\vdash\vdash$ | $\vdash \vdash$ | \dashv | \vdash | | 95 96 | \dashv | \dashv | + | + | \dashv | + | + | + | { } | | 145 | \dashv | | | \dashv | \dashv | \dashv | | \dashv | \dashv |
| $\vdash \vdash \vdash$ | 47 | \dashv | + | + | + | \dashv | \vdash | Н | Н | \dashv | \vdash | | 97 | \dashv | \dashv | + | + | + | + | + | + | ┨╏ | | 146 147 | - | \dashv | \dashv | \dashv | \dashv | \dashv | -+ | + | \dashv |
| \vdash | 48 | \dashv | + | + | \dashv | \dashv | \dashv | Н | \vdash | \dashv | - | | 98 | \dashv | + | + | + | + | + | + | + | 1 } | \vdash | 148 | \dashv | - | | \dashv | \dashv | \dashv | \dashv | + | \dashv |
| \vdash | 49 | \dashv | + | + | ┪ | - | \dashv | Н | \dashv | \dashv | <u> </u> | | 99 | + | ┪ | + | \dashv | 十 | + | + | + | ┪╏ | | 149 | - | \dashv | ᆉ | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv |
| | 50 | \dashv | \top | \dagger | 7 | \dashv | | Н | Н | ヿ | | | 100 | _ | \dashv | 十 | \dashv | \dashv | 十 | + | \top | 1 1 | | 150 | -+ | \dashv | 十 | 十 | \dashv | ┪ | \dashv | \dashv | \dashv |
| | | _ | | | 1 | | | | | | | | | | | | | | | | | . L | | | _ | | | | | | | | |